

Bert Ely

List of Publications by Year in descending order

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71
papers

2,753
citations

218677

26
h-index

197818

49
g-index

74
all docs

74
docs citations

74
times ranked

2102
citing authors

#	ARTICLE	IF	CITATIONS
1	[17] Genetics of <i>Caulobacter crescentus</i> . <i>Methods in Enzymology</i> , 1991, 204, 372-384.	1.0	443
2	Comparative phylogeography of Atlantic bluefin tuna and swordfish: the combined effects of vicariance, secondary contact, introgression, and population expansion on the regional phylogenies of two highly migratory pelagic fishes. <i>Molecular Phylogenetics and Evolution</i> , 2005, 36, 169-187.	2.7	194
3	ISOLATION OF SPONTANEOUSLY DERIVED MUTANTS OF <i>CAULOBACTER CRESCENTUS</i> . <i>Genetics</i> , 1977, 86, 25-32.	2.9	193
4	GENERALIZED TRANSDUCTION IN <i>CAULOBACTER CRESCENTUS</i> . <i>Genetics</i> , 1977, 87, 391-399.	2.9	130
5	Alternative mechanism for bacteriophage adsorption to the motile bacterium <i>Caulobacter crescentus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9963-9968.	7.1	114
6	Consequences of the historical demography on the global population structure of two highly migratory cosmopolitan marine fishes: the yellowfin tuna (<i>Thunnus albacares</i>) and the skipjack tuna (<i>Katsuwonus pelamis</i>). <i>BMC Evolutionary Biology</i> , 2005, 5, 19.	3.2	106
7	SOME IMPROVED METHODS IN P22 TRANSDUCTION. <i>Genetics</i> , 1974, 76, 625-631.	2.9	83
8	Global population structure of the swordfish (<i>Xiphias gladius</i> L.) as revealed by analysis of the mitochondrial DNA control region. <i>Journal of Experimental Marine Biology and Ecology</i> , 1996, 197, 295-310.	1.5	80
9	Use of pulsed-field-gradient gel electrophoresis to construct a physical map of the <i>Caulobacter crescentus</i> genome. <i>Gene</i> , 1988, 68, 323-333.	2.2	79
10	TRANSFER OF DRUG RESISTANCE FACTORS TO THE DIMORPHIC BACTERIUM <i>CAULOBACTER CRESCENTUS</i> . <i>Genetics</i> , 1979, 91, 371-380.	2.9	74
11	Across Bacterial Phyla, Distantly-Related Genomes with Similar Genomic GC Content Have Similar Patterns of Amino Acid Usage. <i>PLoS ONE</i> , 2011, 6, e17677.	2.5	71
12	GENETIC MAPPING OF GENES REQUIRED FOR MOTILITY IN <i>CAULOBACTER CRESCENTUS</i> . <i>Genetics</i> , 1984, 108, 523-532.	2.9	63
13	A New Class of <i>Caulobacter crescentus</i> Flagellar Genes. <i>Journal of Bacteriology</i> , 1998, 180, 5010-5019.	2.2	53
14	FlbT Couples Flagellum Assembly to Gene Expression in <i>Caulobacter crescentus</i> . <i>Journal of Bacteriology</i> , 1999, 181, 6160-6170.	2.2	52
15	<i>Amphitrite ornata</i> , a Marine Worm, Contains Two Dehaloperoxidase Genes. <i>Marine Biotechnology</i> , 2001, 3, 287-292.	2.4	48
16	<i>Amphitrite ornata</i> dehaloperoxidase: enhanced activity for the catalytically active globin using MCPBA. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 1194-1198.	2.1	47
17	A FINE STRUCTURE MAP OF THE <i>SALMONELLA</i> HISTIDINE OPERATOR-PROMOTER. <i>Genetics</i> , 1974, 78, 607-631.	2.9	46
18	African-American mitochondrial DNAs often match mtDNAs found in multiple African ethnic groups. <i>BMC Biology</i> , 2006, 4, 34.	3.8	45

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19	PHYSIOLOGICAL STUDIES OF SALMONELLA HISTIDINE OPERATOR-PROMOTER MUTANTS. <i>Genetics</i> , 1974, 78, 593-606.	2.9	44
20	Vectors for transposon mutagenesis of non-enteric bacteria. <i>Molecular Genetics and Genomics</i> , 1985, 200, 302-304.	2.4	42
21	Histidyl-Transfer Ribonucleic Acid Synthetase in Positive Control of the Histidine Operon in <i>Salmonella typhimurium</i> . <i>Journal of Bacteriology</i> , 1974, 117, 708-716.	2.2	42
22	GENERAL NONCHEMOTACTIC MUTANTS OF <i>CAULOBACTER CRESCENTUS</i> . <i>Genetics</i> , 1986, 114, 717-730.	2.9	41
23	Mitochondrial DNA genetic diversity among four ethnic groups in Sierra Leone. <i>American Journal of Physical Anthropology</i> , 2005, 128, 156-163.	2.1	40
24	Racial differences in the incidence of breast cancer subtypes defined by combined histologic grade and hormone receptor status. <i>Cancer Causes and Control</i> , 2010, 21, 399-409.	1.8	40
25	Regulation of <i>podJ</i> Expression during the <i>Caulobacter crescentus</i> Cell Cycle. <i>Journal of Bacteriology</i> , 1999, 181, 3967-3973.	2.2	40
26	Transposition of Tn7 Occurs at a Single Site on the <i>Caulobacter crescentus</i> Chromosome. <i>Journal of Bacteriology</i> , 1982, 151, 1056-1058.	2.2	35
27	Internal Promoter P2 of the Histidine Operon of <i>Salmonella typhimurium</i> . <i>Journal of Bacteriology</i> , 1974, 120, 984-986.	2.2	31
28	Nucleotide sequence of the <i>Caulobacter crescentus</i> <i>flaF</i> and <i>flbt</i> genes and analysis of codon usage in organisms with G+C-rich genomes. <i>Gene</i> , 1990, 93, 17-25.	2.2	28
29	A Family of Six Flagellin Genes Contributes to the <i>Caulobacter crescentus</i> Flagellar Filament. <i>Journal of Bacteriology</i> , 2000, 182, 5001-5004.	2.2	26
30	Analyses of Nuclear <i>ldhA</i> Gene and mtDNA Control Region Sequences of Atlantic Northern Bluefin Tuna Populations. <i>Marine Biotechnology</i> , 2002, 4, 583-588.	2.4	26
31	Comparison of Genome Sequencing Technology and Assembly Methods for the Analysis of a GC-Rich Bacterial Genome. <i>Current Microbiology</i> , 2015, 70, 338-344.	2.2	24
32	Use of transmissible plasmids as cloning vectors in <i>Caulobacter crescentus</i> . <i>Gene</i> , 1988, 70, 321-329.	2.2	23
33	Use of AFLP Analyses to Assess Genetic Variation in <i>Morone</i> and <i>Thunnus</i> Species. <i>Marine Biotechnology</i> , 2002, 4, 141-145.	2.4	23
34	Sibship reconstruction demonstrates the extremely low effective population size of striped bass <i>Morone saxatilis</i> in the Santee-Cooper system, South Carolina, USA. <i>Molecular Ecology</i> , 2009, 18, 4112-4120.	3.9	23
35	Codon Usage Methods for Horizontal Gene Transfer Detection Generate an Abundance of False Positive and False Negative Results. <i>Current Microbiology</i> , 2012, 65, 639-642.	2.2	19
36	Separation of temporal control and trans-acting modulation of flagellin and chemotaxis genes in <i>Caulobacter</i> . <i>Molecular Genetics and Genomics</i> , 1987, 206, 300-306.	2.4	17

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37	Isolation and Characterization of Microsatellite Loci for Striped Bass (<i>Morone saxatilis</i>). <i>Marine Biotechnology</i> , 2000, 2, 405-408.	2.4	17
38	Plant growth enhancement is not a conserved feature in the <i>Caulobacter</i> genus. <i>Plant and Soil</i> , 2020, 449, 81-95.	3.7	17
39	A comparison of the <i>Caulobacter</i> NA1000 and K31 genomes reveals extensive genome rearrangements and differences in metabolic potential. <i>Open Biology</i> , 2014, 4, 140128.	3.6	16
40	Recombination and gene loss occur simultaneously during bacterial horizontal gene transfer. <i>PLoS ONE</i> , 2020, 15, e0227987.	2.5	15
41	Plasmid-mediated antibiotic resistance in a changing hospital environment: Efficacy of control measures. <i>American Journal of Infection Control</i> , 1980, 8, 65-71.	2.3	13
42	Genome Sequence and Phenotypic Characterization of <i>Caulobacter segnis</i> . <i>Current Microbiology</i> , 2015, 70, 355-363.	2.2	13
43	Conservation of the Essential Genome Among <i>Caulobacter</i> and <i>Brevundimonas</i> Species. <i>Current Microbiology</i> , 2016, 72, 503-510.	2.2	13
44	Resistance to amino acid inhibition in <i>Caulobacter crescentus</i> . <i>Molecular Genetics and Genomics</i> , 1982, 187, 446-452.	2.4	12
45	Genomic Diversity of Type B3 Bacteriophages of <i>Caulobacter crescentus</i> . <i>Current Microbiology</i> , 2017, 74, 779-786.	2.2	12
46	The <i>Caulobacter crescentus</i> Transducing Phage Cr30 is a Unique Member of the T4-Like Family of Myophages. <i>Current Microbiology</i> , 2015, 70, 854-858.	2.2	11
47	Genome Comparisons of Wild Isolates of <i>Caulobacter crescentus</i> Reveal Rates of Inversion and Horizontal Gene Transfer. <i>Current Microbiology</i> , 2019, 76, 159-167.	2.2	11
48	Effect of Harvest and Effective Population Size on Genetic Diversity in a Striped Bass Population. <i>Transactions of the American Fisheries Society</i> , 2000, 129, 1367-1372.	1.4	10
49	Analyses of four new <i>Caulobacter</i> Phicbkviruses indicate independent lineages. <i>Journal of General Virology</i> , 2019, 100, 321-331.	2.9	10
50	Plasmids and Bacteriocins in <i>Caulobacter</i> Species. <i>Journal of Bacteriology</i> , 1983, 153, 1092-1094.	2.2	10
51	Characterization of a Highly Repetitive Sequence Conserved Among the North American <i>Morone</i> Species. <i>Marine Biotechnology</i> , 1999, 1, 122-130.	2.4	9
52	The Isolation and Characterization of Kronos, a Novel <i>Caulobacter</i> Rhizosphere Phage that is Similar to Lambdoid Phages. <i>Current Microbiology</i> , 2019, 76, 558-565.	2.2	9
53	A Polymerase Chain Reaction-Restriction Fragment Length Polymorphism (PCR-RFLP) Assay for the Discrimination of Mitochondrial DNA from the Florida and Northern Subspecies of Largemouth Bass. <i>Transactions of the American Fisheries Society</i> , 1998, 127, 507-511.	1.4	8
54	Genomic GC content drifts downward in most bacterial genomes. <i>PLoS ONE</i> , 2021, 16, e0244163.	2.5	7

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55	Correction of the <i>Caulobacter crescentus</i> NA1000 Genome Annotation. <i>PLoS ONE</i> , 2014, 9, e91668.	2.5	7
56	Evidence for genetic purity of captive and domestic striped bass broodstocks. <i>Aquaculture</i> , 1995, 137, 41-44.	3.5	6
57	Achieving Accurate Sequence and Annotation Data for <i>Caulobacter vibrioides</i> CB13. <i>Current Microbiology</i> , 2018, 75, 1642-1648.	2.2	6
58	Characterization of the Proteins Associated with <i>Caulobacter crescentus</i> Bacteriophage CbK Particles. <i>Current Microbiology</i> , 2016, 72, 75-80.	2.2	5
59	Genes related to redox and cell curvature facilitate interactions between <i>Caulobacter</i> strains and <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2021, 16, e0249227.	2.5	5
60	Genetic Variation and Management of Striped Bass Populations in the Coastal Rivers of South Carolina. <i>North American Journal of Fisheries Management</i> , 2004, 24, 1322-1329.	1.0	4
61	A Genome Comparison of T7-like Podoviruses That Infect <i>Caulobacter crescentus</i> . <i>Current Microbiology</i> , 2018, 75, 760-765.	2.2	4
62	S2B, a Temperate Bacteriophage That Infects <i>Caulobacter Crescentus</i> Strain CB15. <i>Current Microbiology</i> , 2022, 79, 98.	2.2	4
63	Complex evolution of a highly conserved microsatellite locus in several fish species. <i>Journal of Fish Biology</i> , 2009, 75, 442-447.	1.6	2
64	Evaluating African-Derived mtDNA Haplotype Diversity Via Independent Sample Collections. <i>Journal of the Canadian Society of Forensic Science</i> , 2010, 43, 65-74.	0.9	2
65	Evolutionary history of <i>Caulobacter</i> toxin-antitoxin systems. <i>Current Microbiology</i> , 2021, 78, 2899-2904.	2.2	2
66	Evolution of an MHC class Ia gene fragment in four North American <i>Morone</i> species. <i>Journal of Fish Biology</i> , 2010, 76, 1984-1994.	1.6	1
67	Complete Genome Sequence of a Wild-Type Isolate of <i>Caulobacter vibrioides</i> Strain CB1. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	1
68	Complete Genome Sequence of a Wild-Type Isolate of <i>Caulobacter vibrioides</i> Strain CB2. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	0
69	Identification of proteins associated with two diverse <i>Caulobacter phicbkvirus</i> particles. <i>Archives of Virology</i> , 2020, 165, 1995-2002.	2.1	0
70	Novel <i>Caulobacter</i> bacteriophages illustrate the diversity of the podovirus genus <i>Rauchvirus</i> . <i>Archives of Virology</i> , 2020, 165, 2549-2554.	2.1	0
71	Plasmids Bring Additional Capabilities to <i>Caulobacter</i> Isolates. <i>Current Microbiology</i> , 2022, 79, 45.	2.2	0